

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	("2922331" "3917407" "3936191" "4025196" "4299488" "4926429" "5233405" "5396361" "5420416" "5532818" "5617234" "5748815" "5780843" "5796479" "5812262" "5835199" "5894362" "6069697").PN. OR ("7041959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:33
L2	17	bi-cell adj photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:36
L3	1	"5111321".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:37
L4	1	"6,154,591".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:38
L5	0	"6,304,689.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:38
L6	1	"6,304,689".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:39
L7	1	"6,285,504".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:40
L8	1	"4,779,959".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:40
L9	7	fiber and bi-cell adj photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:43
L10	25	tunable with liquid adj crystal and (s-polariz\$6 s adj polariz\$6) and detector	US-PGPUB; USPAT	OR	ON	2006/08/02 13:44
S1	0	c-polarizer and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:06
S2	145	("c-polarizer" (c adj polar\$)) and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:07
S3	146	("c-polarizer" (c adj polar\$)) and birefring\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:50

EAST Search History

S4	118	"optical performance monitor"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:51
S5	0	"optical performance monitor" and "liquid crystal" and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:51
S6	15	"optical performance monitor".ti.	US-PGPUB; USPAT	OR	ON	2004/11/09 10:52
S7	12	"optical performance monitor".ti. and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:53
S8	4	"optical performance monitor".ti. and polar\$ and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:53
S9	551	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.) and @ad<"20030808"	US-PGPUB; USPAT	OR	ON	2006/08/01 16:02
S10	35	"liquid crystal tunable filter" and polarizer and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:06
S11	77	"liquid crystal tunable filter" and polariz\$ and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:25
S12	32	"liquid crystal tunable filter" and polariz\$ and collim\$ and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:26
S13	1	yuan-haijun.in.	US-PGPUB; USPAT	OR	ON	2004/11/08 11:27
S14	6	yuan-haijun.in. liu-yongsheng.in. zhao-xingzhong.in.	US-PGPUB; USPAT	OR	ON	2004/11/08 11:29
S15	8	"optical performance monitor" and "tunable filter" and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/08 12:22
S16	15	"optical performance monitor".ti.	US-PGPUB; USPAT	OR	ON	2004/11/08 15:32
S17	0	"optical performance monitor".ti. and collimator and waveplate	US-PGPUB; USPAT	OR	ON	2004/11/08 15:32
S18	0	"optical performance monitor".ti. and collimator	US-PGPUB; USPAT	OR	ON	2004/11/08 15:33
S19	5	"optical performance monitor".ti. and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 17:05
S20	2	"optical performance monitor".ti. and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 17:15
S21	463	349/8-9.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/08 18:08
S22	279	349/9.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/08 18:49
S23	4	"tunable filter" and S-polarization and P-polarization and birefringence	US-PGPUB; USPAT	OR	ON	2004/11/08 18:50
S24	635	"tunable filter" and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 18:51

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S25	592	"tunable filter" and birefring\$ and polariz\$	US-PGPUB; USPAT	OR	ON	2004/11/08 18:51
S26	268	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/08 19:16
S27	127	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal" and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:11
S28	62	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal" and collim\$ and (waveplate (wave adj plate))	US-PGPUB; USPAT	OR	ON	2004/11/09 10:04
S31	1054	(circular adj polarizer)	US-PGPUB; USPAT	OR	ON	2004/11/10 11:48
S32	0	wavplate	US-PGPUB; USPAT	OR	ON	2004/11/10 11:48
S35	1054	(circular adj polarizer)	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S36	2002	waveplate	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S37	88	S35 and S36	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S38	67	S37 and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S39	1031	385/11.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:11
S40	719	385/11.ccls. and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:41
S41	716	385/11.ccls. and birefring\$ and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:16
S42	1	"60309738"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:15
S43	2045	"20010801"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:16
S44	224	385/11.ccls. and "birefringent crystal" and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:32
S45	36	parker.xp. and 349/190-198.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:34
S46	12	parker.xa. and 349/190-198.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:34
S47	0	"optical performance monitor" and "birefringent crystal"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:42
S48	13	"optical performance monitor" and birefrin\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:50

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S49	74	349/17.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:54
S50	4	"optical performance monitor" and (beam adj split)	US-PGPUB; USPAT	OR	ON	2004/11/10 17:55
S51	21	"optical performance monitor" and (beam adj splitt\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 17:56
S52	21	"optical performance monitor" and (beam adj split\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 18:10
S53	182	"liquid crystal tunable filter"	US-PGPUB; USPAT	OR	ON	2004/11/10 18:16
S54	34	"optical performance monitor" and "tunable filter"	US-PGPUB; USPAT	OR	ON	2004/11/10 18:17
S55	8	"optical performance monitor" and "tunable filter" and (beam adj spl\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 18:29
S56	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2004/11/10 18:30
S57	29	(US-20010026385-\$ or US-20020105725-\$ or US-20020130256-\$ or US-20020159021-\$ or US-20030091286-\$ or US-20040156574-\$ or US-20040184699-\$ or US-20030194165-\$ or US-20030113055-\$ or US-20030103718-\$).did. or (US-4969717-\$ or US-5068749-\$ or US-5132822-\$ or US-5150236-\$ or US-5740288-\$ or US-5930012-\$ or US-5963372-\$ or US-6038054-\$ or US-6091521-\$ or US-6208774-\$ or US-6344910-\$ or US-6404553-\$ or US-6433901-\$ or US-6639648-\$ or US-6704509-\$ or US-6765644-\$ or US-6768458-\$ or US-6718082-\$ or US-6697550-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/10 19:06
S58	15	S57 and birefringent	US-PGPUB; USPAT	OR	ON	2004/11/10 19:43
S59	7	S57 and birefringent and collimator	US-PGPUB; USPAT	OR	ON	2004/11/10 19:43

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S60	29	(US-20010026385-\$ or US-20020105725-\$ or US-20020130256-\$ or US-20020159021-\$ or US-20030091286-\$ or US-20040156574-\$ or US-20040184699-\$ or US-20030194165-\$ or US-20030113055-\$ or US-20030103718-\$).did. or (US-4969717-\$ or US-5068749-\$ or US-5132822-\$ or US-5150236-\$ or US-5740288-\$ or US-5930012-\$ or US-5963372-\$ or US-6038054-\$ or US-6091521-\$ or US-6208774-\$ or US-6344910-\$ or US-6404553-\$ or US-6433901-\$ or US-6639648-\$ or US-6704509-\$ or US-6765644-\$ or US-6768458-\$ or US-6718082-\$ or US-6697550-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S61	7	S60 and birefringent and collimator	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S62	0	S61 and photodiode	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S63	0	S61 and diode	US-PGPUB; USPAT	OR	ON	2004/11/12 11:37
S64	0	"small beam collimator"	US-PGPUB; USPAT	OR	ON	2004/11/12 11:37
S65	2488	"beam collimator"	US-PGPUB; USPAT	OR	ON	2004/11/12 11:38
S66	19	"beam collimator" and s-polarization and p-polarization	US-PGPUB; USPAT	OR	ON	2004/11/12 11:40
S67	226	collimator and p-polarization and s-polarization	US-PGPUB; USPAT	OR	ON	2004/11/12 11:40
S69	78	collimator and p-polarization and s-polarization and separation	US-PGPUB; USPAT	OR	ON	2004/11/12 11:41
S70	1	collimator and p-polarization and s-polarization and ((small minimal) adj separation)	US-PGPUB; USPAT	OR	ON	2004/11/12 11:45
S71	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2004/11/12 14:08
S72	18	349/17.ccls. and diode	US-PGPUB; USPAT	OR	ON	2004/11/12 14:09
S73	0	349/17.ccls. and (bi-cell adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:11
S74	0	(bi-cell adj (photo-diode diode)) and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/12 14:11

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S75	2	(bi-cell adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:18
S76	2	((bi-cell bicell) adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:19
S77	32	"liquid crystal tunable filter" and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/12 15:03
S78	7	(match with "alignment layer" with "liquid crystal")	US-PGPUB; USPAT	OR	ON	2004/11/12 15:06
S79	13	(match with "alignment layer")	US-PGPUB; USPAT	OR	ON	2004/11/12 15:06
S80	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/06/14 17:49
S81	147	optical adj performance adj monitor	US-PGPUB; USPAT	OR	ON	2005/06/14 18:05
S82	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2005/06/14 17:51
S83	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 17:53
S84	306	349/9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:00
S85	77	349/17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:00
S86	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:04
S87	0	("6680797").URPN.	USPAT	OR	ON	2005/06/14 18:05
S88	14	S81 and birefring\$	US-PGPUB; USPAT	OR	ON	2005/06/14 18:05
S89	17	("4044350" "4650352" "5420416" "5691989" "5708498" "5945261" "6025939" "6130971" "6215926" "6263126" "6263129" "6307677" "6310690" "6396629" "6504976" "6507685" "6526187").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:06
S90	5	("3395247" "3588552" "3697790").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:07

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S91	13	("4516837" "4852962" "5239598" "5630004" "5727109" "5852688" "5877876" "5930038" "6137619" "6175432" "6201593" "6208444" "6208774").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:09
S92	18	("4834483" "4919522" "5136671" "5181134" "5363228" "5381250" "5414540" "5414541" "5457556" "5488500" "5596661" "5606439" "5627925" "5680490" "5694233" "5809190" "5912748" "6005697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:10
S93	4	("6208774").URPN.	USPAT	OR	ON	2005/06/14 18:24
S94	2	("5132811" "5309523").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:11
S95	4	("6348990").URPN.	USPAT	OR	ON	2005/06/14 19:12
S96	760	385/49.ccls.	USPAT	OR	ON	2005/07/11 10:34
S97	219	"385"/\$.ccls. and liquid adj crystal and beam adj split\$ and polariz\$	USPAT	OR	ON	2005/06/14 19:13
S98	17	("20020085252" "4971417" "5596661" "5805751" "5850491" "6021237" "6151157" "6151427" "6233379" "6253002" "6289699" "6292290" "6429962" "6510261" "6522456" "6539148" "6631224").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:26
S99	37	349/18.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:52
S10 0	32	liquid adj crystal adj tunable adj filter and birefringe\$ and beam adj (split splitter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 1	1	cavanaugh-shanti.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 2	9	cavanaugh.in. and shanti.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 3	3	("5528402" "5877876" "6515751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:33

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S10 4	1	"20040085486"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44
S10 5	9	optical adj shifter and thickness and birefringe\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44
S10 6	8	("20030090597" "20030095092" "5161042" "5506701" "5748164" "5969832" "6061103" "6707516").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44
S10 7	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:33
S10 8	820	fiber adj collimator	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:33
S10 9	10	S108 and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:42
S11 0	6	"6208774"	US-PGPUB; USPAT	OR	ON	2005/07/11 10:02
S11 1	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/07/11 10:21
S11 3	6	"6680797" "6208774"	USPAT	OR	ON	2005/07/11 10:45
S11 4	10	"5013138"	USPAT	OR	ON	2005/07/11 10:45
S11 5	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/10/11 18:27
S11 6	377	collimator with interference	US-PGPUB; USPAT	OR	ON	2005/10/11 19:43
S11 7	59	S116 and waveguide	US-PGPUB; USPAT	OR	ON	2005/10/11 19:36
S11 8	101	collimator near3 interference	US-PGPUB; USPAT	OR	ON	2005/10/11 19:43
S11 9	15	collimator near3 noise	US-PGPUB; USPAT	OR	ON	2005/10/11 19:47
S12 0	1	collimator near3 snr	US-PGPUB; USPAT	OR	ON	2005/10/11 19:47
S12 1	609	collimator with prevent	US-PGPUB; USPAT	OR	ON	2005/10/11 19:48
S12 2	36	collimator with prevent and waveguide	US-PGPUB; USPAT	OR	ON	2005/10/11 19:50

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S12 3	405	"349"/\$.ccls. and collimator	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 4	1	"6522467".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 5	0	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 6	70	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 7	625	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 20:04
S12 8	1	"20030035605"	US-PGPUB; USPAT	OR	ON	2006/03/08 15:14
S12 9	401	collimator with interference	US-PGPUB; USPAT	OR	ON	2006/03/08 15:25
S13 0	514	collimator with divergence	US-PGPUB; USPAT	OR	ON	2006/03/08 15:25
S13 1	8	S130 and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/08 15:36
S13 2	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2006/03/08 15:36
S13 3	645	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.)	US-PGPUB; USPAT	OR	ON	2006/03/08 16:26
S13 4	2	"20030194165"	US-PGPUB; USPAT	OR	ON	2006/08/01 16:06
S13 5	1	"6522467".pn.	US-PGPUB; USPAT	OR	ON	2006/08/01 16:08
S13 6	17	bi-cell adj photodiode	US-PGPUB; USPAT	OR	ON	2006/08/01 16:21
S13 7	74	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2006/08/01 16:24
S13 8	2	bi-cell adj photodetector and tunable	US-PGPUB; USPAT	OR	ON	2006/08/01 16:25
S13 9	1	bi-cell adj photodetector and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/02 13:43
S14 0	0	bicell adj photodetector and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:26
S14 1	43	bi-cell and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:27
S14 2	177	optical adj performance adj monitor	US-PGPUB; USPAT	OR	ON	2006/08/01 18:57
S14 3	0	optical adj performance adj monitor and (bi-cell)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:28
S14 4	46	optical adj performance adj monitor and photodetector	US-PGPUB; USPAT	OR	ON	2006/08/01 16:30

EAST Search History

S14 5	19	("2922331" "3917407" "3936191" "4025196" "4299488" "4926429" "5233405" "5396361" "5420416" "5532818" "5617234" "5748815" "5780843" "5796479" "5812262" "5835199" "5894362" "6069697").PN. OR ("7041959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 16:38
S14 6	7	("5111321" "5321539" "5710655" "6075647" "6081367").PN. OR ("6522467"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:31
S14 7	371	liquid adj crystal and tunable adj filter and (photodetector photodiode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:32
S14 8	12	liquid adj crystal and tunable adj filter and (photodetector photodiode) and ((s and p) adj (polariz\$6) s-polariza\$6 and p-polariza\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:34
S14 9	34	tunable adj filter and (photodetector photodiode) and ((s and p) adj (polariz\$6) s-polariza\$6 and p-polariza\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:34
S15 0	1	"6072550".pn.	US-PGPUB; USPAT	OR	ON	2006/08/01 18:58
S15 1	1	"20040032544"	US-PGPUB; USPAT	OR	ON	2006/08/01 18:58